

# 150W Single Output Din Rail Power Supply

**HF150W-SDR-26A**



## FEATURES

- Installed on Din rail TS35/ 7.5 or 15
- Approvals: UL508 listed, UL60950, CE
- High reliability, compact design
- Protections: overload/ over voltage/ short circuit
- 2 years warranty
- Dimensions: 108.4 x 84 x 109mm

## SPECIFICATIONS

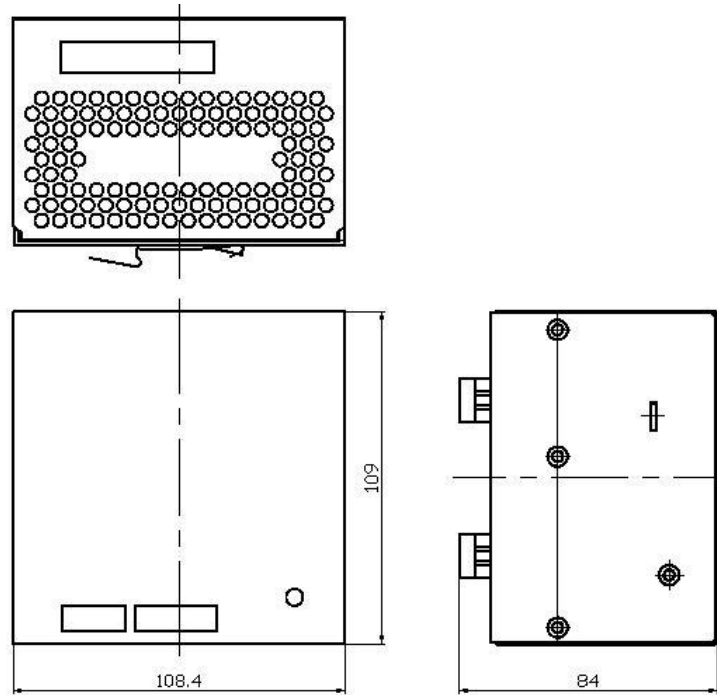
Input Voltage	187~264VAC
Input Current	< 1.6A
Input Frequency	47~63Hz
Inrush Current	cold start, 40A/230VAC
Input Leakage Current	< 0.7mA/230VAC
Line Regulation (full load)	< 0.5 %
Load Regulation	< 2%
Output Voltage	26Vdc $\pm$ 1%
Output Current	rated 6A, peak 10A for max. 3 seconds
Efficiency	$\geq$ 82%
Output ripple & noise	< 200mVp-p
Output Over Load Protection	Output switched off when 6.3A < $I_{out}$ < 10A for 3~9 sec., no auto-recovery
Output Over Voltage Protection	115~150%
Short Circuit Protection	Output switched off when 10A $\leq I_{out}$ < 10.3A, no auto-recovery

Rise Time	50ms @full load (typical)
Hold up Time	20ms @full load (typical)
Operating Temperature	-10°C ~+50°C
Storage Temperature	-20°C ~+85°C
Operating Humidity	20%~93%RH (non condensing)
Storage Humidity	20%~95%RH (non condensing)
MTBF	>100,000 hours
Cooling	convection
Safety Standards	UL508, UL60950, EN60950
EMC Standards	EN12015, EN12016
Withstand Voltage	I/P – O/P: 3.0KVAC/1min I/P – F/G: 1.5KVAC/1min O/P–F/G: 0.5KVAC/1min
Mechanical Feature	metal enclosed, IP20
Installation	steel clips * 2pcs
Connection	screw terminal block, max. 0.5N.m Input: 6.35/3P, N(L2), PE, L1 Output: 6.35/4P, -V, -V, +V, +V
Packing	0.67kgs, 24pcs/18kgs/0.035CBM per carton

## NOTE

1. All parameters are measured at 230VAC input, rated load and 25°C ambient temperature.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 0% to 100% of rated load for single output models. For multi-output models, it is measured from 20% to 100% of rated load, and other output at 60% rated load.
4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
5. The power supply is regarded as a component which will be installed into the final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

**Drawing**



**Label**


### HF150W-SDR-26A

**AC INPUT: 230V(187 - 264V) 1.6A**  
50-60Hz


**DC OUTPUT: 26V 6.0A**

**CAUTION!**  
HIGH VOLTAGE INSIDE  
DO NOT REMOVE THIS COVER  
QUALIFIED SERVICE PERSONNEL ONLY  
(警告: 外壳内有高压, 非专业人士请勿擅自开盖!)


**Notice:**  
When no output, please switch off AC mains, then wait for 30s and switch on AC mains again. This is to ensure the over load protection has been cleared.  
(提示: 当电源无输出时, 请切断交流主电源, 并等待30秒后重新启动, 以确保消除过载保护状态。)  
Surrounding air temperature: maximum 50°C



PE





N(L2)




L1

-V -V +V +V







**HENGFU CORPORATION**  
MADE IN CHINA